

seen them enter. After impregnation I believe the opening closes, though this point is not absolute, and the spore matures, changing from its dark green to a dark reddish-brown.

The species whose life history I have studied, is nearly allied to *Æ. Rothii* of Europe, but is I believe distinct and undescribed. I would offer for it the name *Ædegonium Huntii*, after Dr. J. G. Hunt, to whose aid and direction, whatever success may attend any microscopical researches I may make, will be due. I append a technical description.

Edogonium Huntii. Gynandrous. Male plant slightly curved, attached by a small foot, generally, to the cell which has been emptied in making sporangium, two-celled; sporangium round, often somewhat hexagonal, slightly expanded in the middle, opening below the median line. Spore globular, not filling its case, furnished with four raised ridges, about $\frac{1}{500}$ th of an inch in diameter.

The color of this plant is a bright yellowish-green, deepening to a very dark green in cells which are crowded with granular protoplasm. The size of the filaments varies very much; the largest attain a diameter of $\frac{1}{500}$ of an inch. All of the zoospores which I have seen were globular.

Prof. Cresson described a brilliant meteor which he observed at about 7h. 40' this evening.

Nominations Nos. 568 to 572 were read.

The President announced the names of the committee to aid the trustees of the fire-proof building fund.

And the Society was adjourned.

Stated Meeting, April 19, 1867.

Present, nineteen members.

Prof. CRESSON, Vice-President, in the Chair.

Letters were read from Rear Admiral Davis, United States Navy, dated March 20, 1867, announcing a donation to the Library; also from a number of gentlemen of Philadelphia,

dated April 11th, 1867, asking the co-operation of the Society in the erection of a monument to the memory of Prof. A. Dallas Bache.

Donations for the Library were announced as follows: From the Royal Saxon Society of Sciences at Leipzig; from the Geographical Society at Paris; from Bailliere's, Paris; from the Royal Astronomical Society, London; from J. Y. Simpson, Edinburgh; from the Boston Natural History Society; from the Trustees of the Free Public Library of New Bedford; from the Essex Institute; from the editors of the American Journal Natural Sciences and Arts; from the Adjutant-General U. S. A.; from Rear Admiral Davis, U. S. N.; from Prof. A. D. Bache of the Coast Survey; from the Department of State at Washington; from Dr. T. S. Kirkbride; from the Mercantile Library, Philadelphia; from the Franklin Institute; from the publishers of the News and Library; from Rev. Albert Barnes, and from Isaac Lea.

Pending nominations, Nos. 568 to 572 were read, and the Society proceeded to the balloting for the candidates for membership.

New nomination No. 573 was read.

The subject embraced in the communication from a number of citizens, read this evening, was considered, and the following resolution was adopted:

Resolved, That a committee be appointed to collect subscriptions for the erection of a monument to the memory of Prof. Alexander Dallas Bache.

The committee consists of Prof. Kendall, Mr. Fraley, and Mr. Thomas P. James.

On motion of Mr. Fraley, it was

Resolved, That a committee be appointed, to meet with similar committees to be appointed by the literary and scientific societies of Philadelphia, for the purpose of ascertaining whether portions of Penn Square can be obtained from the authorities of the city of Philadelphia, as sites of edifices for the proper accommodation of such societies.

The committee consists of Mr. Fraley and Mr. Eli K. Price.

The ballot-boxes being opened by the presiding officer, the following persons were declared duly elected members of the Society :

Prof. Hubert A. Newton, Yale College, New Haven, Conn.

Prof. Arnold Guyot, Nassau Hall, Princeton, N. J.

Mr. F. B. Meek, Smithsonian Institution, D. C.

Brevet Brig. Gen. William F. Raynolds, U. S. A., Detroit, Michigan.

Hon. Morton McMichael, Mayor of the City of Philadelphia.

And the Society was adjourned.

Stated Meeting, May 3, 1867.

Present, nineteen members.

Dr. WOOD, President, in the Chair.

Rev. Dr. Osborn and Hon. Morton McMichael, recently elected members, were presented and took their seats.

Letters were read from H. A. Newton, dated Yale College, April 29, 1867, F. B. Meek, dated Washington, D. C., April 25, 1867, W. F. Raynolds, dated Detroit, April 26, 1867, and Morton McMichael, dated Philadelphia, April 23, 1867, severally acknowledging the receipt of a notice of their election and accepting membership in the Society; also, from C. F. Hagedorn, Consul-General of Bavaria, dated Philadelphia, March 18, 1867, on behalf of the Royal and National Library at Munich; from the Royal Society of Sciences at Göttingen; from the Natural History Society at Nüremberg; and the Massachusetts Historical Society, acknowledging the receipt of publications of the Society; and from the Royal Public Library of St. Petersburg; from the Royal Prussian Academy at Berlin; from the Royal Society of Science at Göttingen;